Author index

Adebodun, F., see Greenfield, N.J. (1025) 15
Anders, R.F., see Tilley, L. (1025) 135
Aran, J.M., see Plagemann, P.G.W. (1025) 32

Balazovich, K.J., see Francis, J.W. (1025) 1
Bally, M.B., see Mayer, L.D. (1025) 143
Barber, K.R., see Florio, E. (1025) 157
Barnett, A.
The current-voltage relation of an aqueous pore in a lipid bilayer membrane (1025) 10
Bartucci, R., Gulfo, N. and Sportelli, L.
Effect of high electrolyte concentration on the phase transition behaviour of DPPC vesicles: a spin label study (1025) 117
Battiston, L., see Passamonti, S. (1025) 122
Berden, J.H.M., see Van den Heuvel, L.P.W.J. (1025) 67
Bluzat, A., see Lévy, D. (1025) 179
Booz, G.W., see Kleinzeller, A. (1025) 21
Boxer, L.A., see Francis, J.W. (1025) 1
Brammer, M.J., see Hajimohammadreza, I. (1025) 208
Bron, R., see Nicolay, K. (1025) 49
Burns, A., see Hajimohammadreza, I. (1025) 208

Campione, A.L., see Van Winkle, L.J. (1025) 215
Campione, A.L., see Van Winkle, L.J. (1025) 225
Cherapak, C.N., see Greenfield, N.J. (1025) 15
Chiba, T., Sato, Y. and Suzuki, Y.
Induced circular dichroism of eosin-5-maleimide bound to band 3 of human erythrocytes (1025) 199
Collins, D., Litzinger, D.C. and Huang, L.
Structural and functional comparisons of pH-sensitive liposomes composed of phosphatidylethanolamine and three different diacylsuccinylglycerols (1025) 234
Colombini, M., see Zhang, D.-W. (1025) 127
Connor, J., Gillum, K. and Schroit, A.J.
Maintenance of lipid asymmetry in red blood cells and ghosts: effect of divalent cations and serum albumin on the transbilayer distribution of phosphatidylserine (1025) 82
Cullis, P.R., see Mayer, L.D. (1025) 143
Cullis, P.R., see Veiro, J.A. (1025) 109

Davson, H., see Zlokovic, B.V. (1025) 191
De Kruijff, B., see Nicolay, K. (1025) 49
Dluzewski, A.R., see Tilley, L. (1025) 135

Eagger, S., see Hajimohammadreza, I. (1025) 208
East, J.M., see Michelangeli, F. (1025) 99
Eriksson, J.E., Grönberg, L., Nygård, S., Slotte, J.P. and Meriluoto, J.A.O.
Hepatocellular uptake of ^{3}H-dihydromicrocystin-LR, a cyclic peptide toxin (1025) 60

Farrington, B.H., see Van Winkle, L.J. (1025) 225
Feijge, M.A.H., Heemskerk, J.W.M. and Hornstra, G.
Membrane fluidity of non-activated and activated human blood platelets (1025) 173
Fenske, D.B., see Florio, E. (1025) 157
Florio, E., Jarrell, H., Fenske, D.B., Barber, K.R. and Grant, C.W.M.
Glycosphingolipid interdigitation in phospholipid bilayers examined by deuterium NMR and EPR (1025) 157
Foley, M., see Tilley, L. (1025) 135
Francis, J.W., Smolen, J.E., Balazovich, K.J., Sandborg, R.R. and Boxer, L.A.
Calcium-dependent fusion of the plasma membrane fraction from human neutrophils with liposomes (1025) 1

Gillum, K., see Connor, J. (1025) 82
Ginsberg, R.S., see Mayer, L.D. (1025) 143
Gordon, S. and Ralston, G.B.
Solubilization and denaturation of monomeric actin from erythrocyte membranes by *p*-mercuribenzenesulfonate (1025) 43
Gorman, J.M., see Van Winkle, L.J. (1025) 215
Grant, C.W.M., see Florio, E. (1025) 157
Gratzer, W.B., see Tilley, L. (1025) 135
Greenfield, N.J., Cherapak, C.N., Adebodun, F., Jordan, F. and Lenard, J.
Intracellular sodium content of a wall-less strain of *Neurospora crassa* and effects of insulin: a ^{23}Na-NMR study (1025) 15
Grönberg, L., see Eriksson, J.E. (1025) 60
Gulfo, N., see Bartucci, R. (1025) 117

Hajimohammadreza, I., Brammer, M.J., Eagger, S., Burns, A. and Levy, R.
Platelet and erythrocyte membrane changes in Alzheimer's disease (1025) 208
Heemskerk, J.W.M., see Feijge, M.A.H. (1025) 173
Heimburg, T., Ryba, N.J.P., Würz, U. and Marsh, D.
Phase transition from a gel to a fluid phase of cubic symmetry in dimyristoylphosphatidylcholine/myristic acid (1 : 2, mol/mol) bilayers (1025) 77
Hogy, L., see Wood, W.G. (1025) 243
Hornstra, G., see Feijge, M.A.H. (1025) 173
Hovius, R., see Nicolay, K. (1025) 49
Huang, L., see Collins, D. (1025) 234
Hyman, S., see Zlokovic, B.V. (1025) 191

Jarrell, H., see Florio, E. (1025) 157
Jones, G.L., see Tilley, L. (1025) 135
Jordan, F., see Greenfield, N.J. (1025) 15

Kleinzeller, A., Booz, G.W., Mills, J.W. and Ziyadeh, F.N.
pCMBS-induced swelling of dogfish (*Squalus acanthias*) rectal gland cells: role of the Na^{+},K^{+}-ATPase and the cytoskeleton (1025) 21
Klöck, G. and Zimmermann, U.
Facilitated electrofusion of vacuolated × evacuolated oat mesophyll protoplasts in hypo-osmolar media after alignment with an alternating field of modulated strength (1025) 87

Lee, A.G., see Michelangeli, F. (1025) 99
Lenard, J., see Greenfield, N.J. (1025) 15
Lévy, D., Bluzat, A., Seigneuret, M. and Rigaud, J.-L.
A systematic study of liposome and proteoliposome reconstitution involving Bio-Bead-mediated Triton X-100 removal (1025) 179
Levy, R., see Hajimohammadreza, I. (1025) 208
Lipovac, M.N., see Zlokovic, B.V. (1025) 191
Litzinger, D.C., see Collins, D. (1025) 234

Marsh, D., see Heimburg, T. (1025) 77
Mayer, L.D., Tai, L.C.L., Bally, M.B., Mitilenes, G.N., Ginsberg, R.S. and Cullis, P.R.
Characterization of liposomal systems containing doxorubicin entrapped in response to pH gradients (1025) 143
McComb, J.G., see Zlokovic, B.V. (1025) 191
Meriluoto, J.A.O., see Eriksson, J.E. (1025) 60
Michelangeli, F., East, J.M. and Lee, A.G.
Structural effects on the interaction of sterols with the (Ca^{2+}+ Mg^{2+})-ATPase (1025) 99
Mills, J.W., see Kleinzeller, A. (1025) 21
Mitilenes, G.N., see Mayer, L.D. (1025) 143
Monnens, L.A.H., see Van den Heuvel, L.P.W.J. (1025) 67

Nemecz, G., see Wood, W.G. (1025) 243
Nicolay, K., Hovius, R., Bron, R., Wirtz, K. and De Kruijff, B.
The phosphatidylcholine-transfer protein catalyzed import of phosphatidylcholine into isolated rat liver mitochondria (1025) 49
Nygård, S., see Eriksson, J.E. (1025) 60

Okamura, E., Umemura, J. and Takenaka, T.
Orientation studies of hydrated dipalmitoylphosphatidylcholine multibilayers by polarized FTIR-ATR spectroscopy (1025) 94

Passamonti, S., Battiston, L. and Sottocasa, G.L.
Arginine residues are involved in the transport function of bilitranslocase (1025) 122
Plagemann, P.G.W. and Aran, J.M.
Na^+-dependent, active nucleoside transport in mouse spleen lymphocytes, leukemia cells, fibroblasts and macrophages, but not in equivalent human or pig cells; dipyridamole enhances nucleoside salvage by cells with both active and facilitated transport (1025) 32
Pörn, I., see Slotte, J.P. (1025) 152

Ralston, G.B., see Gordon, S. (1025) 43
Rao, A.M., see Wood, W.G. (1025) 243
Rigaud, J.-L., see Lévy, D. (1025) 179
Ryba, N.J.P., see Heimburg, T. (1025) 77

Sandborg, R.R., see Francis, J.W. (1025) 1
Sato, Y., see Chiba, T. (1025) 199
Sawyer, W.H., see Tilley, L. (1025) 135
Schenkels, L., see Van den Heuvel, L.P.W.J. (1025) 67
Schröder, C.H., see Van den Heuvel, L.P.W.J. (1025) 67
Schroeder, F., see Wood, W.G. (1025) 243
Schroit, A.J., see Connor, J. (1025) 82
Schwarz, G., see Stankowski, S. (1025) 164
Seigneuret, M., see Lévy, D. (1025) 179
Slotte, J.P., Tenhunen, J. and Pörn, I.
Effects of sphingomyelin degradation on cholesterol mobilization and efflux to high-density lipoproteins in cultured fibroblasts (1025) 152
Slotte, J.P., see Eriksson, J.E. (1025) 60
Smolen, J.E., see Francis, J.W. (1025) 1
Sottocasa, G.L., see Passamonti, S. (1025) 122
Sowers, A.E.
Low concentrations of macromolecular solutes significantly affect electrofusion yield in erythrocyte ghosts (1025) 247
Sportelli, L., see Bartucci, R. (1025) 117
Stankowski, S. and Schwarz, G.
Electrostatics of a peptide at a membrane/water interface. The pH dependence of melittin association with lipid vesicles (1025) 164
Suzuki, Y., see Chiba, T. (1025) 199

Tai, L.C.L., see Mayer, L.D. (1025) 143
Takenaka, T., see Okamura, E. (1025) 94
Tang, G., see Zlokovic, B.V. (1025) 191
Tenhunen, J., see Slotte, J.P. (1025) 152
Tilley, L., Foley, M., Anders, R.F., Dluzewski, A.R., Gratzer, W.B., Jones, G.L. and Sawyer, W.H.
Rotational dynamics of the integral membrane protein, band 3, as a probe of the membrane events associated with *Plasmodium falciparum* infections of human erythrocytes (1025) 135

Umemura, J., see Okamura, E. (1025) 94

Van den Born, J., see Van den Heuvel, L.P.W.J. (1025) 67
Van den Heuvel, L.P.W.J., Van den Born, J., Veerkamp, J.H., Van de Velden, T.J.A.M., Schenkels, L., Monnens, L.A.H., Schröder, C.H. and Berden, J.H.M.
Heparan sulfate proteoglycan from human tubular basement membrane. Comparison with this component from the glomerular basement membrane (1025) 67
Van de Velden, T.J.A.M., see Van den Heuvel, L.P.W.J. (1025) 67
Van Winkle, L.J., Campione, A.L. and Farrington, B.H.
Development of system $B^{0,+}$ and a broad-scope Na^+-dependent transporter of zwitterionic amino acids in preimplantation mouse conceptuses (1025) 225
Van Winkle, L.J., Campione, A.L. and Gorman, J.M.
Inhibition of transport system $b^{0,+}$ in blastocysts by inorganic and organic cations yields insight into the structure of its amino acid receptor site (1025) 215
Veerkamp, J.H., see Van den Heuvel, L.P.W.J. (1025) 67
Veiro, J.A. and Cullis, P.R.
A novel method for the efficient entrapment of calcium in large unilamellar phospholipid vesicles (1025) 109

Wirtz, K., see Nicolay, K. (1025) 49
Wood, W.G., Schroeder, F., Hogy, L., Rao, A.M. and Nemecz, G.
Asymmetric distribution of a fluorescent sterol in synaptic plasma membranes: effects of chronic ethanol consumption (1025) 243
Würz, U., see Heimburg, T. (1025) 77

Zhang, D.-W. and Colombini, M.
Group IIIA-metal hydroxides indirectly neutralize the voltage sensor of the voltage-dependent mitochondrial channel, VDAC, by interacting with a dynamic binding site (1025) 127
Zimmermann, U., see Klöck, G. (1025) 87
Ziyadeh, F.N., see Kleinzeller, A. (1025) 21
Zlokovic, B.V., Hyman, S., McComb, J.G., Lipovac, M.N., Tang, G. and Davson, H.
Kinetics of arginine-vasopressin uptake at the blood-brain barrier (1025) 191